

IN THE CLAIMS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A transmission device comprising:

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to a transmission path[[line]]; and

a control unit for controlling said encoder unit to change a compression rate thereof and output the stream, when a control signal is received from said transmission path[[line]].

2. (Currently Amended) A transmission device comprising:

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal; and

an output control unit for receiving the stream output from said encoder unit, said output control unit performing control, when a control signal is received from a transmission path[[line]], to output the stream to the transmission path[[line]] at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit.

3. (Currently Amended) A reception device comprising:

a decoder unit for decoding a stream received from a transmission path[[line]]; and

a buffer unit for storing a medium signal decoded and produced by said decoder unit; and

a control unit for monitoring a storage amount of said buffer unit, said control unit outputting a control signal to said transmission path[[line]] if the storage amount exceeds or falls below a predetermined threshold.

4. (Currently Amended) A reception device comprising:

a decoder unit for decoding a stream received from a transmission path[[line]];

a monitor unit for monitoring a wireless reception status of said transmission path[[line]];

and

a control unit for outputting a control signal to said transmission path[[line]] based on a notification from said monitor unit, if the wireless reception status indicates a handover becomes a ~~predetermined~~ status.

5. (Currently Amended) The reception device according to claim 4, wherein, when a wireless status of said transmission path[[line]] indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the handover status to said control unit.

6. (Currently Amended) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission path[[line]];

a buffer unit for storing a medium signal, decoded and produced by said decoder unit;

a first control unit for monitoring a storage amount of said buffer unit, said first control unit outputting a control signal to said transmission path[[line]], if the storage amount exceeds or falls below a predetermined threshold;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to said transmission path[[line]]; and

a second control unit for controlling said encoder unit to change a compression rate thereof and output the stream, when the control signal is received from said transmission path[[line]].

7. (Currently Amended) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission path[[line]];

a buffer unit for storing a medium signal decoded and produced by said decoder unit;

a first control unit for monitoring a storage amount of said buffer unit, said first control unit outputting a control signal to path[[line]] transmission line, if the storage amount exceeds or falls below a predetermined threshold;

an encoder unit for outputting a stream obtained by receiving and encoding a medium signal; and

a second control unit for receiving the stream output from said encoder unit, said second control unit performing control to output the stream to said transmission path[[line]] at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit, when the control signal is received from said transmission path[[line]].

8. (Currently Amended) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission path[[line]];

a monitor unit for monitoring a wireless reception status of said transmission path[[line]];

a first control unit for outputting a control signal to said transmission path[[line]] based on a notification from said monitor unit if the wireless reception status indicates a handover ~~becomes a predetermined status~~;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to said transmission path[[line]]; and

a second control unit for controlling said encoder unit to change a compression rate thereof and output the stream when the control signal is received from said transmission path[[line]].

9. (Currently Amended) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission path[[line]];

a monitor unit for monitoring a wireless reception status of said transmission path[[line]];

a first control unit for outputting a control signal to said transmission path[[line]] based on a notification from said monitor unit if the wireless reception status indicates a handover ~~becomes a predetermined status~~;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal; and

a second control unit for receiving the stream output from said encoder unit, said second control unit performing control to output the stream to said transmission path[[line]] at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit, when the control signal is received from said transmission path[[line]].

10. (Currently Amended) The transmission/reception device according to claim 8, wherein, when a wireless status of said transmission path[[line]] indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the handover status to said first control unit.

11. – 20. (Cancelled)

21. (Currently Amended) A computer program storage device, readable by machine, tangibly embodying a program of instructions executable by a machine for [[A]]transmitting a medium signal, ~~program causing a computer, which constitutes a transmission device, to executes the processing of,~~ said method comprising the steps of:

outputting a stream obtained by receiving and encoding the[[a]] medium signal, to a transmission path[[line]]; and

performing control to output the stream by changing a compression rate of the encoding processing when a predetermined control signal is received from said transmission path[[line]].

22. (Currently Amended) A computer program storage device, readable by machine, tangibly embodying a program of instructions executable by a machine for[[A]] transmitting a medium signal, ~~program causing a computer, which constitutes a transmission device, to execute the processing of said method comprising the steps of:~~

outputting a stream obtained by receiving and encoding a medium signal; and

when transmitting the stream after encoding, performing output control of stream, on receipt of a predetermined control signal from a transmission path[[line]], so that the stream is

output to said transmission path[[line]] at a time interval different from a time interval at which the medium signal has been encoded by the encoding processing.

23. (Currently Amended) A computer program storage device, readable by machine, tangibly embodying a program of instructions executable by a machine for transmitting and receiving a stream transmitted from a transmission device to a transmission path. A program causing a computer, which constitutes a reception device receiving a stream transmitted from a transmission device to a transmission line, to execute the processing of said method comprising the steps of:

decoding a stream received from said transmission path[[line]]; and

monitoring a storage amount of a buffer unit, in which a decoded medium signal is stored, and outputting a control signal to said transmission path[[line]], if the storage amount exceeds or falls below a predetermined threshold.

24. (Currently Amended) A computer program storage device, readable by machine, tangibly embodying a program of instructions executable by a machine for receiving a stream transmitted from a transmission device to a transmission path. A program causing a computer, which constitutes a reception device receiving a stream transmitted from a transmission device to a transmission line, to execute the processing of said method comprising the steps of:

decoding a stream received from said transmission path[[line]]; and

monitoring a wireless reception status of said transmission path[[line]] and output a control signal to said transmission path[[line]], if the wireless reception status indicates a handover becomes a predetermined status.

25. (Currently Amended) A transmission device that receives information data, including audios and/or images, as an input, performs encoding processing of the input data, creates distribution data and distributes the distribution data via a wired and/or wireless transmission path[[line]], said transmission device comprising:

means for controlling an output in such a way that, when a predetermined control signal is received from said transmission path[[line]], a compression rate of the encoding processing is changed or the distribution data is output at a time interval different from a time interval at which the input data has been encoded by the encoding processing.

26. (Currently Amended) A reception device comprising means for receiving and decoding the distribution data distributed from the transmission device according to claim 25 to said transmission path[[line]], said reception device further comprising means for monitoring a status of a storage amount of a storage device in which the received data is stored or a status of reception from said transmission path[[line]] and, based on the monitor result, transmitting the control signal to said transmission device via said transmission path[[line]].

27. – 29. (Cancelled)

30. (Currently Amended) The transmission/reception device according to claim 9, wherein, when a wireless status of said transmission path[[line]] indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the handover status to said first control unit.